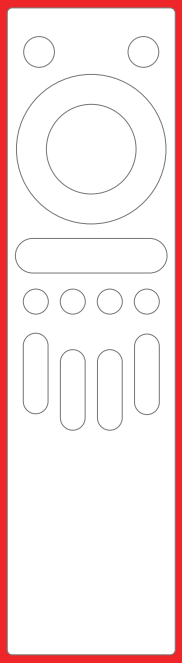
LED CONTROLLER

B Series Remote Control

B1 / B2 / B5



Manual

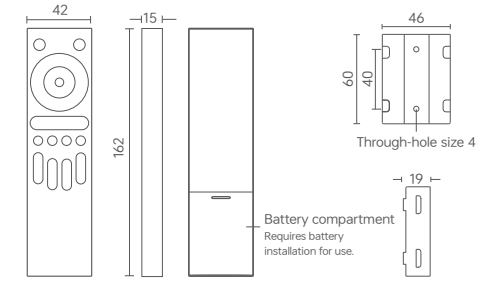
Product Introduction

- Bluetooth 5.2 SIG Mesh communication protocol, with strong networking capabilities and reliable and stable local control;
- Supports use with LED controller B5-3A and intelligent touch panels EB1/EB2/EB5 to achieve intelligent lighting control;
- When paired with Bluetooth lighting fixtures, it enables control of light switching, dimming, and color adjustment;
- Combined with a smart gateway, it can achieve local automation/cloud automation control methods;
- Supports local scenes, operates without a gateway, and remains controllable during network outages, offering faster and more stable performance;
- Supports battery level detection – when the remote control's battery is low, the indicator light flashes to remind users to replace the battery;
- Equipped with a dedicated wall-mounted base, it allows flexible selection of wall-mounted or desktop use to meet diverse usage needs.

Specification Parameters

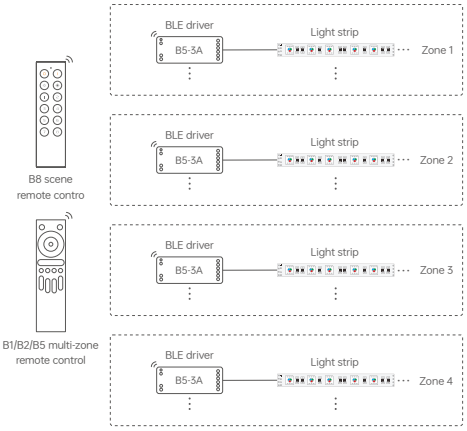
Model	B1	B2	B5
Control Type	DIM	CT	RGB/RGBW/RGBCW
Working Voltage	3Vdc(AAA×2)		
Wireless Type	Bluetooth 5.2 SIG Mesh		
Number of Zones	4-zone control		
Matching touch panel	EB1/EB6	EB2/EB6	EB5/EB6
Compatible Driver	B5-3A		
Working Temperature	-10℃~50℃		
Dimensions	162×42×15mm(L×W×H)		
Package Size	166×47×22mm(L×W×H)		
Product Weight	55g ±10g		

Product Size Unit: mm

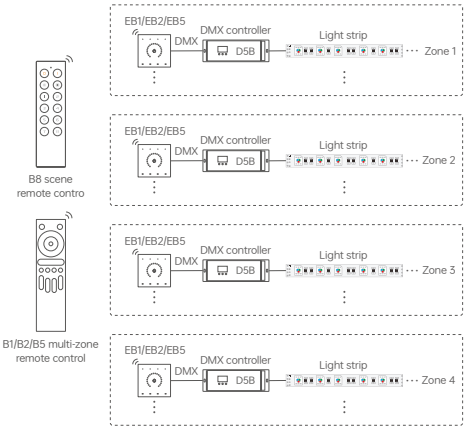


Application Schematic Diagram

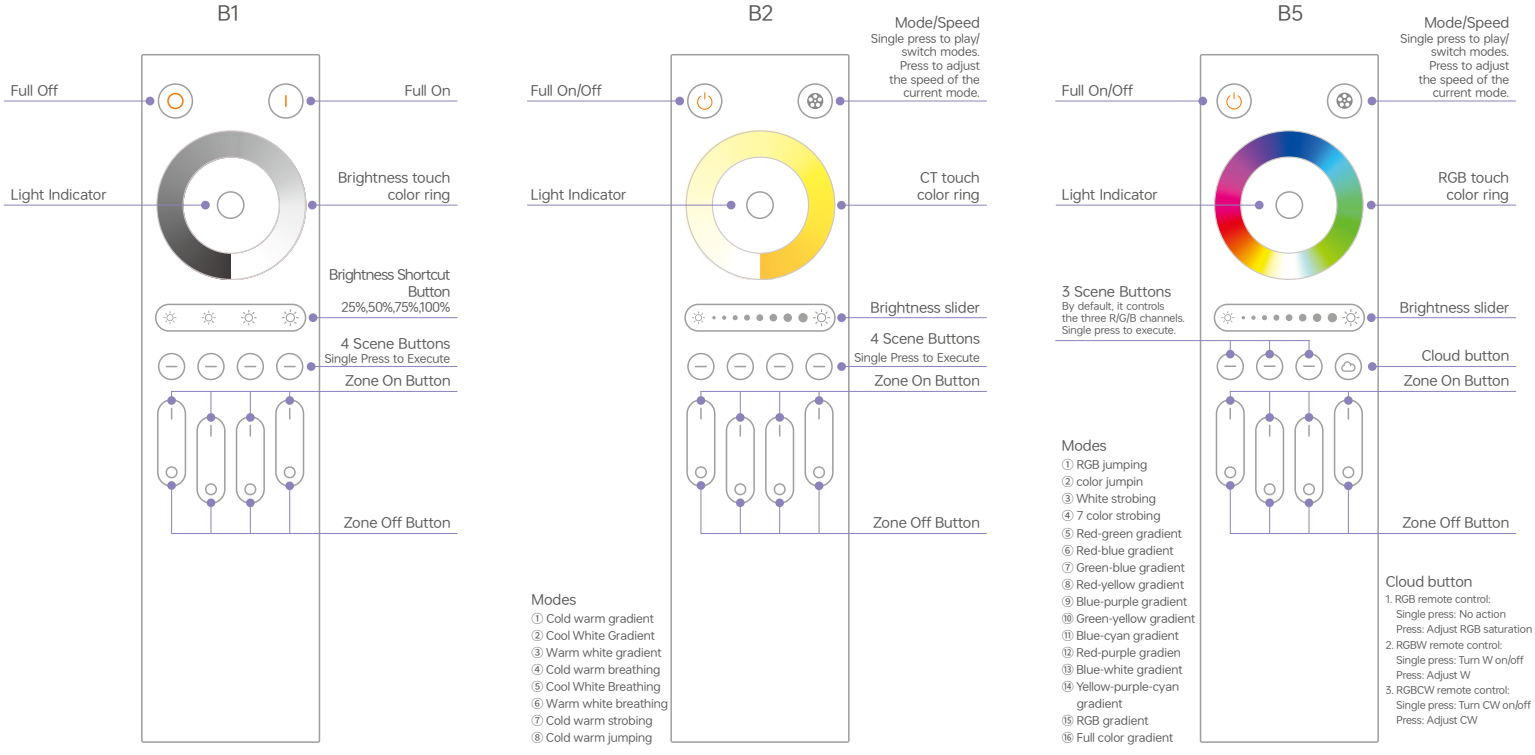
① The remote control is used in conjunction with the wireless driver.



② The remote control is used in conjunction with the touch panel.



Remote control button functions



1. Single-click the zone on/off button: Turn on/off the current zone. Zone-bound lighting fixtures need to be bound via the L-Home APP with fixtures that match the remote control's control type.
2. If one zone is selected and another zone on button is pressed within 3 seconds, two zones will be superimposed and selected, allowing simultaneous control of the selected zones.
3. If the same zone's re-selected within 3 seconds, only that zone will remain selected (e.g., if zones 1 and 2 are selected and the zone 2 on button is pressed again within 3 seconds, only zone 2 will be selected).
4. The touch color ring and brightness adjustment control " " apply to the zone selected before turning off the lights.

Bluetooth CE FC SRRC RoHS RED

APP Operation Instructions

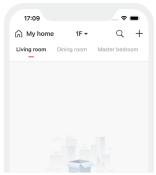
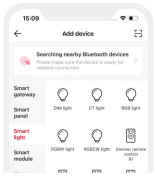
1. Account Registration

Scan the QR code below with your mobile phone. After completing the APP installation as prompted, you can log in or register.

L-Home APP

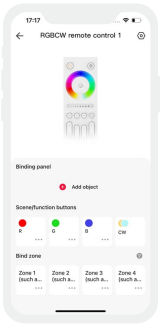
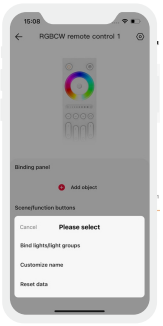
2. Network Configuration Operation

After creating a home on the L-Home APP, new users should click the "+" icon in the upper-right corner on the [Rooms] interface to add a device. In the device addition list, select "Smart Lighting," and then complete the addition as prompted by the installation interface.

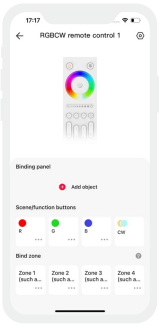
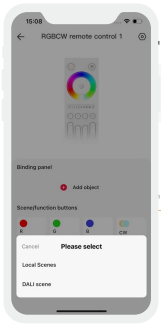
3. Bind Zone

On the "Rooms" interface, click the added remote control to enter the [Control] interface. Click "..." in "Bind Zone", select the device to bind ("Light/Light Group"), and save. Then you can use the physical remote control to turn the zone on/off.

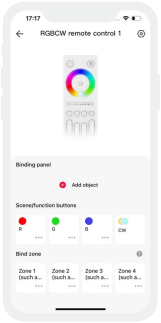
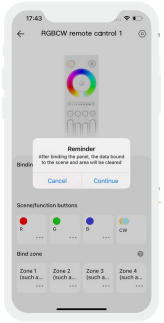
4. Bind Scene

In the [Control] interface, click "..." in "Scene/Function Button", select and bind "Local Scene/DALI Scene", and after successful saving, you can execute the scene by single pressing the scene key of the physical remote control.

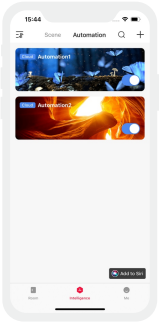
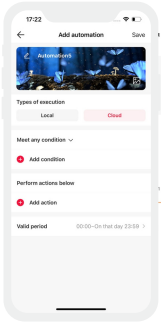
5. Bind Panel

In the [Control] interface, click "Add Object" in "Bind Panel", select and bind the touch panels EB1/EB2/EB5/EB6 that match the remote control's control type. After successful saving, you can use the physical remote control to operate the corresponding button functions of the touch panels EB1 /EB2/EB5/EB6.

6. Automation

Ensure that a smart gateway has been added to the family, such as the Super Panel 6S.
Select "Automation" in the [Smart] interface, and click the "+" sign to create an automation.
You can choose the local/cloud execution method, and set the triggering conditions and execution actions. When the set triggering conditions are met, a series of device actions will be automatically triggered to achieve remote linkage.

Restore to factory settings

Method 1:
B1: Long-press the "All On" and "All Off" buttons of the remote control simultaneously for about 6 seconds. When the indicator light flashes and then turns off, the network exit is successful.
B2, B5: Long-press the "Power" and "Mode/Speed" buttons of the remote control simultaneously for about 6 seconds. When the indicator light flashes and then turns off, the network exit is successful.

Method 2:
Delete the corresponding device from the L-Home APP to exit the network. (Forced network exit is invalid.)

Common Problems

1. How to activate the remote control?

   B1: Long-press the "All On" button for 6 seconds until the indicator light flashes to signal successful activation.
   B2, B5: Long-press the "All On/Off" button for 6 seconds until the indicator light flashes to signal successful activation.

2. How to check the battery level?

   Please translate the following text into English.
   Open the L-Home APP, select the "Battery Check" function on the remote control settings page, actively activate the device as guided, and obtain the current remote control battery level information (updates only when there is a significant change in the battery value). When the battery level is below 10%, the APP will receive a low-battery reminder.

3. Why does the button indicator light flash 5 times during operation?

   This indicates that the battery is in a low-power state, and the device battery should be replaced in a timely manner.

4. What are the reasons for unsuccessful network connection?

   ① The device has not exited the network. To exit the network, perform the [Factory Reset] operation.
   ② The device is not activated. To activate it, perform the [Activate Remote Control] operation.
   ③ The device has no battery installed or the battery is dead.

Attentions

- Product installation and commissioning should be done by a qualified professional.
- Products are and not lightningproof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices .
- Good heat dissipation will prolong the working life of products. Please ensure good ventilation.
- Please check if the working voltage used complies with the parameter requirements of products.
- The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
- Before you power on products, please make sure all the wiring is correct.
- If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.

✻ This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our company or our official distributors if you have any question.

Warranty Agreement

- Warranty periods from the date of manufacture: 5 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:
Following conditions are not within the guarantee range of free repairing or replacement services:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract or invoice signed by our company .

1. Repair or replacement provided is the only remedy for customers. Our company is not liable for any incidental or consequential damage unless it is within the law .
2. Our company has the right to amend or adjust the terms of this warranty. The warranty that issues in writting shall prevail.

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